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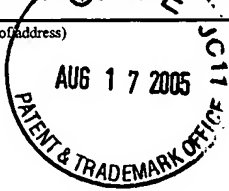
INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

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7590 06/07/2005

Robert E. Bushnell
Suite 300
1522 K Street, N.W.
Washington, DC 20005
08/18/2005 MBEYENE2 00000120 10072889

01 FC:1501 1400.00 DP
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(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/072,889	02/12/2002	Won-choul Yang	P56603	3560

TITLE OF INVENTION: METHOD AND APPARATUS FOR DETERMINING DISK DRIVE PARAMETER IN ACCORDANCE WITH AMBIENT TEMPERATURE

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$1700	09/07/2005

EXAMINER	ART UNIT	CLASS-SUBCLASS
DAVIDSON, DAN	2651	360-046000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. **Use of a Customer Number is required.**

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- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 Robert E. Bushnell, Esq.

2 _____

3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Samsung Electronics, Co., LTD.

Suwon-si Gyeonggi-do, KOREA

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are enclosed:

- ☒ Issue Fee
☒ Publication Fee (No small entity discount permitted)
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- ☒ A check in the amount of the fee(s) is enclosed.
☐ Payment by credit card. Form PTO-2038 is attached.
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5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature _____

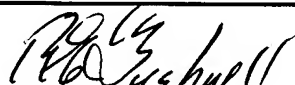
Date 17 August 2005

Typed or printed name Robert E. Bushnell, Esq.

Registration No. 27,774

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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0002/PTO		U.S. Department of Commerce Patent and Trademark Office		COMPLETE IF KNOWN	
				Application Number	10/072,889
				Filing Date	2/12/2002
				First Named Inventor	WON-CHOUL YANG
				Group Art Unit	2651
				Examiner Name	DAVIDSON, DAN
TOTAL AMOUNT OF PAYMENT		\$1,700.00		Attorney Docket Number	P56603
METHOD OF PAYMENT (check one)					
1. <input checked="" type="checkbox"/> Payment enclosed: <input checked="" type="checkbox"/> Check # 49469 <input type="checkbox"/> Money order <input type="checkbox"/> Other		2. <input type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to: Account Number: <u>02-4943</u> Deposit Account Name: <input type="checkbox"/> Charge any additional fee required under 37 CFR 1.16 and 1.17 <input type="checkbox"/> Charge the issue Fee set in 37 CFR 1.18 at the mailing of the Notice of Allowance. 37 CFR 1.311 (b).			
FEE CALCULATION					
ISSUE FEE PUBLICATION FEE					
Fee Code	Fee(s)	Fee Description	Fee Paid		
1501	\$ 1,400.00	Utility Issue fee	\$ 1,400.00		
2501	\$ 700.00	Utility Issue fee	700.00		
1504	\$300.00	Publication fee	\$300.00		
TOTAL:			\$1,700.00		
submitted by: Robert E. Bushnell, Attorney-at-Law Suite 300, 1522 "K" Street, N.W. Washington, D.C. 20005-1202				Complete (if applicable)	
Typed or Printed Name	Robert E. Bushnell		Payor No. <u>008439</u>	Reg. No.	27,774
Signature			Date	August 17, 2005	Deposit Account User ID

REB/hp



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

WON-CHOUL YANG

Serial No.: 10/072,889

Examiner: DAVIDSON, DAN

Filed: 2/12/2002

Art Unit: 2651

For: METHOD AND APPARATUS FOR DETERMINING DISK DRIVE
PARAMETER IN ACCORDANCE WITH AMBIENT TEMPERATURE

ISSUE FEE TRANSMITTAL

Mail Stop: ISSUE FEE

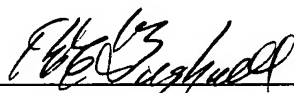
Commissioner for Patents

Alexandria, VA 22313-1450

Sir:

This transmittal accompanies a signed Issue Fee Transmittal, PTOL-85B, and Applicant's check drawn to the order of the Commissioner of Patents & Trademarks in the amount of U.S. \$1,700.00, including PUBLICATION fee of \$300.00.

Respectfully submitted,



Robert E. Bushnell
Attorney for Applicant
Reg. No.: 27,774

1522 K Street, N.W. Suite 300
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Folio: P56603
Date: August 17, 2005
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